

SEQUENCE LISTING

INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 1306 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(vi) ORIGINAL SOURCE:

- (A) ORGANISM: *Coprinus cinereus*
- (B) STRAIN: IFO 8371

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

```

ACTATGAAGC TCTCGCTTTT GTCCACCTTC GCTGCTGTCA TCATCGGTGC
CCTCGCTCTA      60
CCCCAGGGTC CTGGAGGAGG CGGGTCAGTC ACTTGCCCCG GTGGACAGTC
CACTTCGAAC      120
AGCCAGTGCT GCGTCTGGTT CGACGTTCTA GACGATCTTC AGACCAACTT
CTACCAAGGG      180
TCCAAGTGTC AGAGCCCTGT TCGCAAGATT CTTAGAATTG TTTTCCATGA
CGCGATCGGA      240
TTTTCGCCGG CGTTGACTGC TGCTGGTCAA TTCGGTGGTG GAGGAGCTGA
TGGCTCCATC      300
ATTGCGCATT CGAACATCGA ATTGGCCTTC CCGGCTAATG GCGGCCTCAC
CGACACCGTC      360
GAAGCCCTCC GCGCGGTCGG TATCAACCAC GGTGTCTCTT TCGGCGATCT
CATCCAATTC      420
GCCACTGCCG TCGGCATGTC CAACTGCCCT GGCTCTCCCC GACTTGAGTT
CTTGACGGGC      480
AGGAGCAACA GTTCCCAACC CTCCCCTCCT TCGTTGATCC CCGGTCCCGG
AAACACTGTC      540
ACTGCTATCT TGGATCGTAT GGGCGATGCA GGCTTCAGCC CTGATGAAGT
AGTTGACTTG      600
CTTGCTGCGC ATAGTTTGGC TTCTCAGGAG GGTTTGAAC TCGCCATCTT
CAGGTCTCCT      660
TTGGACTCGA CCCCTCAAGT TTTCGATACC CAGTTCTACA TTGAGACCTT
GCTCAAGGGT      720

```

ACCACTCAGC CTGGCCCTTC TCTCGGCTTT GCAGAGGAGC TCTCCCCCTT
CCCTGGCGAA 780
TTCCGCATGA GGTCCGATGC TCTCTTGGCT CGCGACTCCC GAACCGCCTG
CCGATGGCAA 840
TCCATGACCA GCAGCAATGA AGTTATGGGC CAGCGATACC GCGCCGCCAT
GGCCAAGATG 900
TCTGTTCTCG GCTTCGACAG GAACGCCCTC ACCGATTGCT CTGACGTTAT
TCCTTCTGCT 960
GTGTCCAACA ACGCTGCTCC TGTTATCCCT GGTGGCCTTA CTGTCGATGA
TATCGAGGTT 1020
TCGTGCCCCGA GCGAGCCTTT CCCTGAAATT GCTACCGCCT CAGGCCCTCT
CCCCTCCCTC 1080
GCTCCTGCTC CTTGATCTGG TGAAGATGGT ACATCCTGCT CTCTCATCAT
CCCTCTTAGC 1140
TATTTATCCA ATCTATCTAC CTATCTATGC AGTTTCTGTT CTATCACCAC
AGGAAGCAAG 1200
AAAGAAAAAC AACAATGCAA CGTGAGCAGA AATCAGCAAA AAAATAAATC
AGTATACTAC 1260
AGTAATGAGG CCAGTTTGCG TGGTGTGAGA AGTAAGTACG ACTCGG
1306